

AMENDED CLAIMS

[Received by the International Bureau on 22 April 2004 (22.04.04);

Claim 11 rewritten as new claim 13 new claims 11 and 12 added; remaining claims unchanged (02 pages)]

1. A liquid thickened chlorine bleach composition comprising:
an active chlorine source;
5 at least one surfactant selected from anionic surfactants, amine oxides, and mixtures thereof;
at least one thickener selected from polycarboxylates, polyacrylamides, clays, gums, cellulose derivatives, and mixtures thereof;
at least one abrasive material selected from oxides, carbonates, quartzes, siliceous chalk, diatomaceous earth, colloidal silicon dioxide, alkali metasilicates, organic abrasive materials selected from polyolefins, polyethylenes, polypropylenes, polyesters, polystyrenes, acetonitrile-butadiene-styrene resins, melamines, polycarbonates, phenolic resins, epoxies and polyurethanes, natural materials selected from rice hulls, corn cobs, and the like, nepheline syenite, or talc and mixtures thereof;
water; and
15 optionally, one or more materials selected from perfumes and perfume stabilizers, builders, rheology stabilizers; pH and buffering agents, electrolytes, pigments, colorants and the like.
2. The composition according to claim 1 wherein the surfactant is an amine oxide.
- 20 3. The composition according to any one of claims 1 to 2 wherein the surfactant is a mixture of anionic surfactant and amine oxide.
4. The composition according to any one of claims 1 to 3 wherein the anionic surfactant is selected from alkyl sulfates and alkyl ether sulfates.
- 25 5. The composition according to any one of claims 1 to 4 wherein the anionic surfactant is selected from alkyl ether sulfates.
6. The composition according to any one of claims 1 to 5 wherein the thickener is a mixture of polycarboxylates and clays.
- 30 7. The composition according to any one of claims 1 to 5 wherein the thickener is a mixture of polycarboxylates and polyacrylamides.

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8. The composition according to any one of claims 1 to 5 wherein the thickener is a polycarboxylates.
- 5 9. The composition according to any one of claims 1 to 8 which contains a rheology modifier.
10. The composition according to any one of claims 1 to 9 wherein the pH of the composition is 12 or greater.
- 10 11. The composition according to any one of claims 1 to 10 wherein the active chlorine source is a hypochlorite bleach, and the surfactant does not comprise unsaturations.
12. The composition according to any one of claims 1 to 10 wherein the active chlorine source is a hypochlorite bleach, and the surfactant does not comprise aldehydic, methyl keto or hydroxyl groups susceptible to oxidation by the hypochlorite.
- 15 13. The compositions of the present invention substantially described with reference to the Examples.

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